

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 27
FAP 885	5B-1	HARDIN		53	34 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		98648

Illinois Department of Transportation

Division of Highways
District Nine Materials

SHELBY TUBE TEST RESULTS

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Date 8/11/00

ROUTE FAP 885 DESCRIPTION FAP 885 (IL Rte 146) over Big Creek DRILLED BY Bryan Kellar

SECTION 5B-1 LOCATION SE 1/4, SW 1/4, NW 1/4, SEC. 27, TWP. 12S, RNG. 8E, 3 PM

COUNTY Hardin STRUCT. NO. 035-0010
Station 280 + 80.00

BORING NO. A-1S

Station 278 + 83

Offset 10.00ft Lt.

Ground Surface Elev. 362.8 ft Tube Length in

Begin Sampling Depth -0 ft Tube Diameter in

D E C I M E N T H	S P E C I F I C A T I O N	UNIT	S T R E S S I N G T H	M O I S T U R E	C O H E S I O N	P H I A N G U L E	T E S T T Y P E

SOIL TYPE, DESCRIPTION AND OBSERVATIONS

(ft)	(no)	(pcf)	(tsf)	(%)	(psf)	(deg)	
Stiff, very moist, grey, Clay A7-6	131	127.0	1.128	25.2			
Stiff, very moist, grey, Clay A7-6	132	128.0	1.45	24.3			
Stiff, very moist, grey, Clay A7-6	133	125.0	1.265	25.8			
Stiff, very moist, grey, Clay A7-6	134	125.0	1.195	26.6			
Augered	135						
Augered	136						
Augered	137						
Augered	138						
Augered	139						
Stiff, very moist, grey, Clay A7-6	-70 140	130.0	0.978	20.0			
Stiff, very moist, grey, Clay A7-6	141	130.0	0.968	19.2			
Stiff, very moist, grey, Clay A7-6	142	131.0	1.58	18.5			
Stiff, very moist, grey, Clay A7-6	143	132.0	1.78	16.3			
Stiff, very moist, grey, Clay A7-6	144	132.0	1.28	16.6			
Augered	145						
Augered	146						
Augered	147						
Augered	148						
Augered	149						
Stiff to very stiff, moist, grey, Clay A7-6	-75 150	131.0	1.255	20.3			
Stiff to very stiff, moist, grey, Clay A7-6	151	130.0	1.798	20.3			
Stiff to very stiff, moist, grey, Clay A7-6	152	131.0	2.228	20.0			
Stiff to very stiff, moist, grey, Clay A7-6	153	131.0	2.415	19.4			
No Recovery	154						
Augered	155						
Augered	156						

The "Unit Weight" column indicates the "wet" or "moist" unit weight of the sample

The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)

The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used

BMPR FORM 1004A (Rev. 8-99)

BORING LOGS
F.A.P. ROUTE 885 - SECTION 5B-1
HARDIN COUNTY
STATION 280+80.00
STRUCTURE NO. 035-0014